USER MANUAL

USB DIGITAL TV TUNER (ISDB-T / SBTVD)

MAKING CONNECTIONS easy

ENUTV-DITF

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Chapter 1: Introduction

With seamless viewing technology, ENUTV-DITF provides an excellent combination of speed and stability. This advanced seamless viewing technology can always keep smooth video streaming even though in unstable transmission conditions.

ENUTV-DITF brings high quality video and audio directly to your computer.
This compact tuner stick features built-in ISDB-T/SBTVD receiver, high-performance external antenna, and high speed USB 2.0 interface. Now, you can enjoy your favorite TV shows even on a road trip!

The design of ENUTV-DITF matches your style. It is fully compatible with your desktop or laptop PC. Its compact design with high speed USB2.0 interface lets you enjoy high quality digital TV programs anywhere using the digital antenna. It comes with a friendly software application complete with recording features. Never miss your favorite shows with scheduled recording. With ENUTV-DITF build-in application, you can record digital TV perfectly to files.

1.1 Features

- 2-in-1 Product: Digital TV Tuner / Digital Video Recorder
- Watch free-to air ISDB-T/SBTVD TV programs in Windows on your PC or Notebook
- ISDB-T full segment TV standard support
- Real-time MPEG4 recording
- Scheduled recording and time-shift live TV: watch and record your favorite TV shows
- H.264 High Quality Video Compression: crystal clear picture quality
- Time-shifting playback, simultaneously watch and record the TV program with immediate replay and pause
- Support subtitle or closed captioning
- Still image snapshots
- Support EPG (Electronic Program Guide) and schedule recording (EPG feature depends on television broadcast used in different regions)
- Support Windows® 7 / XP , Windows Vista®
- Full function infrared remote control

1.2 System Requirements

- Available USB 2.0 port
- Pentium® 4 2.0 GHz or above / equivalent AMD® Athlon™ CPU
- Minimum 256MB memory
- Minimum 100MB free hard disk space
- Microsoft Windows® 7 / XP; Windows Vista® 32bit/64bit
- Graphic Card : 1024x768, DirectX® 9.0c or above compatible graphic card
- Sound Card: AC97 compatible PCI sound card
- CD or DVD ROM Drive

Notes:

To support High definition TV, the minimum requirement is one of the following video cards with DX-VA (DirectX Video Acceleration) enabled:

- **ATI Radeon 7200 or above**
- **nVidia Geforce MX 440 or above**
- **Intel 82865 or above**

To support HDTV 1080p with subtitle/DTV CC: a Pentium IV 2.8 GHz processor (or higher) is recommended. The minimum requirement is one of the following video cards with DX-VA enabled:

- **ATI Radeon X700 (256M RAM) or above**
- **nVidia Geforce FX 6200 (256M RAM) or above**

1.3 Specifications

Device Interface	USB 2.0
TV Tuner	ISDB-T / SBTVD (Full-seg)
Channel Frequencies	VHF 170 ~ 240 MHz UHF 470 ~ 862 MHz
Antenna Connector	75Ω Coaxial Input (for free-to-air ISDB-T / SBTVD)
Video Output Resolution	Up to Full HD 1080P
Digital Video Format	MPEG-4 AVC (H.264)
Digital Audio Format	MPEG-4 HE-AACv2
Dimension	95 x 30 x 15 mm

1.4 Package Contents

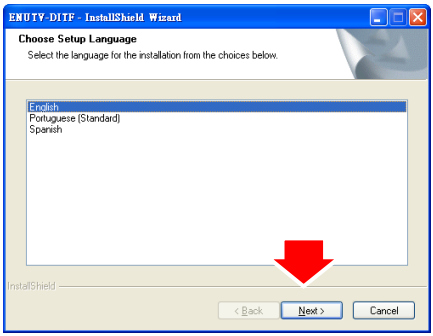
- ENUTV-DITF
- Remote control
- Installation CD
- User manual
- USB cable
- TV Antenna
- Antenna adapter

Chapter 2: Getting Started

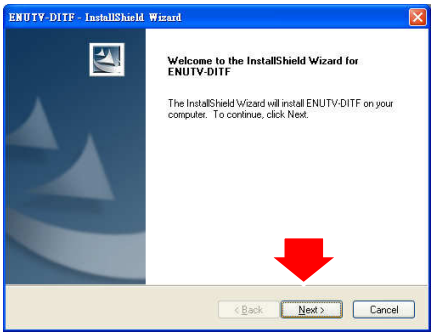
2.1 Device Driver Installation

Insert the provided CD into the CD-ROM drive, and then follow the on-screen instructions below.

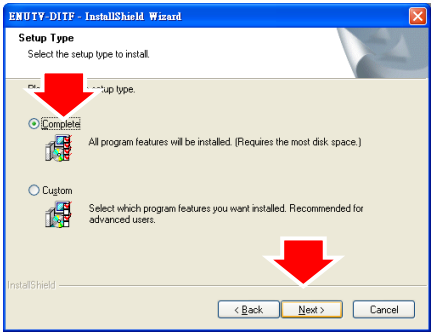
1. Insert the provided CD into the CD-ROM drive. The setup screen should automatically appear.
2. Click the" **Software Driver**" icon..



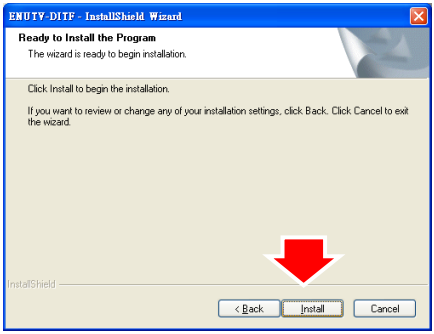
3. Choose the Language which you use. And then click "Next" to continue.


ENUTV-DITF - InstallShield Wizard
Welcome to the InstallShield Wizard for ENUTV-DITF
The InstallShield Wizard will install ENUTV-DITF on your computer. To continue, click Next.
< Back
Next >
Cancel

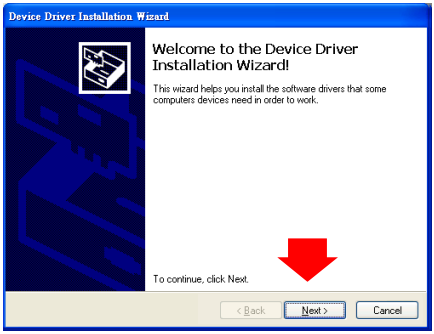
4. Click "**Next**" to start installation.


ENUTY-DITF - InstallShield Wizard
Setup Type
Select the setup type to install.
Complete
All program features will be installed. (Requires the most disk space.)
Custom
Select which program features you want installed. Recommended for advanced users.
InstallShield
< Back
Next >
Cancel

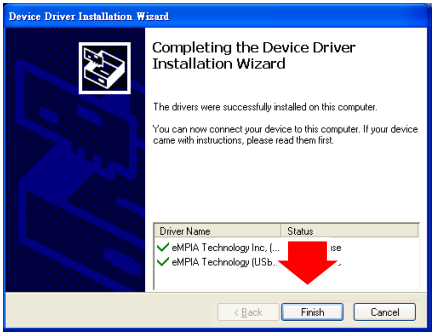
5. Click “**Next**” button to continue.


ENUTY-DITF - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

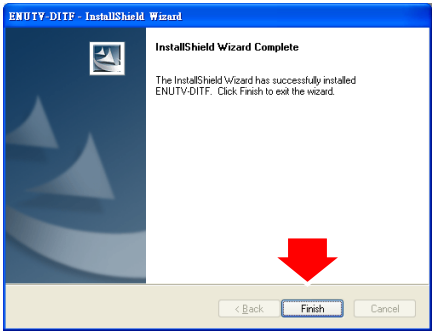
6. Click “**Install**” button.


Device Driver Installation Wizard
Welcome to the Device Driver Installation Wizard!
This wizard helps you install the software drivers that some computers devices need in order to work.
To continue, click Next.
< Back
Next >
Cancel

7. Click “**Next**” button to continue.

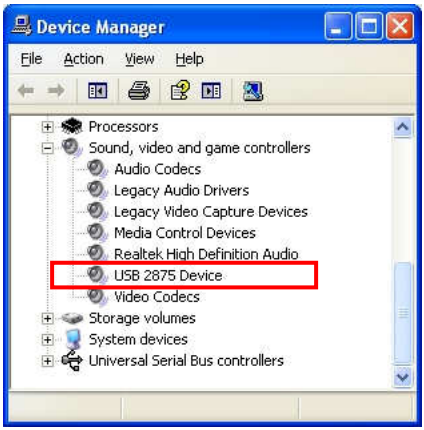

Device Driver Installation Wizard
Completing the Device Driver Installation Wizard
The drivers were successfully installed on this computer.
You can now connect your device to this computer. If your device came with instructions, please read them first.
Driver Name
Status
eMPIA Technology Inc. (...
eMPIA Technology (USb...
< Back
Finish
Cancel

8. Click “**Finish**” button.


ENUTV-DITF - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed ENUTV-DITF. Click Finish to exit the wizard.
< Back
Finish
Cancel

9. Click “**Finish**” button to close the wizard.

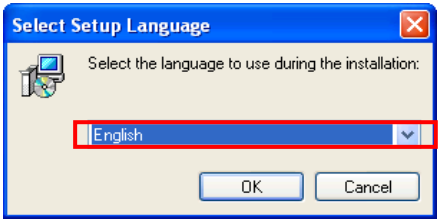
10. Connect the ENUTV-DITF to PC USB Hub.



11. To examine if this device is properly installed, you can go to "**Device Manager**" in Windows®.
12. Open "**Sound, video and game controllers**" and you should see" **USB 2875 Device**" now.

2.2 Install the BlazeDTV software

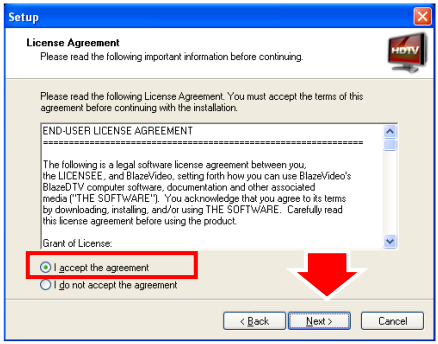
1. Click the" **Application Program**" icon.



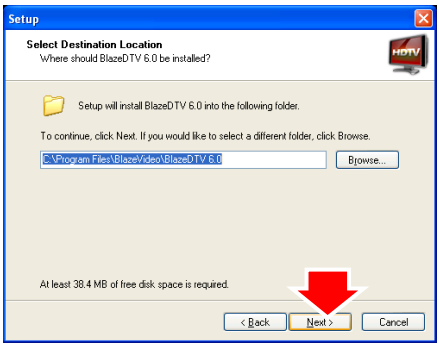
2. Choose the Language which you use. And then click "**OK**" to continue.

Setup
BlazeVideo
HDTV Player
Welcome to the BlazeDTV 6.0 Setup Wizard
This will install BlazeDTV 6.0 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
HDTV
Next >
Cancel

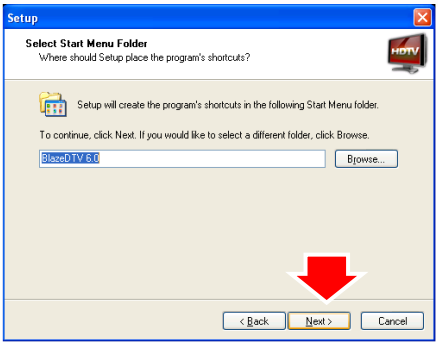
3. Click “**Next**” button to start the Installation.


Setup
License Agreement
Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
END-USER LICENSE AGREEMENT
The following is a legal software license agreement between you, the LICENSEE, and BlazeVideo, setting forth how you can use BlazeVideo's BlazeDTV computer software, documentation and other associated media ("THE SOFTWARE"). You acknowledge that you agree to its terms by downloading, installing, and/or using THE SOFTWARE. Carefully read this license agreement before using the product.
Grant of License:
I accept the agreement
I do not accept the agreement
< Back
Next >
Cancel

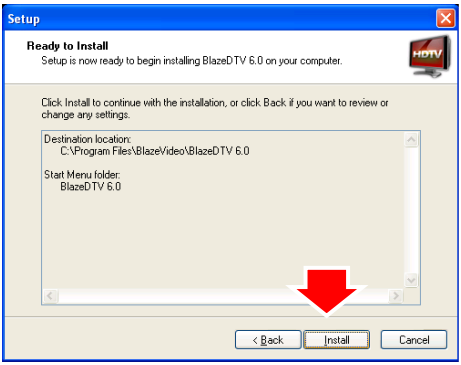
4. Please read the License Agreement and select “**I accept the agreement**”.
5. Click “**Next**” button to continue.


Setup
Select Destination Location
Where should BlazeDTV 6.0 be installed?
Setup will install BlazeDTV 6.0 into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\BlazeVideo\BlazeDTV 6.0
Browse...
At least 38.4 MB of free disk space is required.
< Back
Next >
Cancel

6. Click “**Next**” button to accept the default location or choose a different folder.


Setup
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
BlazeDTV 6.0
Browse...
< Back
Next >
Cancel

7. Click “**Next**” button.


Setup
Ready to Install
Setup is now ready to begin installing BlazeDTV 6.0 on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
C:\Program Files\BlazeVideo\BlazeDTV 6.0
Start Menu folder:
BlazeDTV 6.0
< Back
Install
Cancel

8. Click “**Install**” button.

Setup
BlazeVideo
HDTV Player
Completing the BlazeDTV 6.0 Setup Wizard
Setup has finished installing BlazeDTV 6.0 on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
View Readme.txt
Launch BlazeDTV 6.0
Finish

9. Click “**Finish**” button.
10. Then restart your computer.

Chapter 3: Launch the BlazeDTV

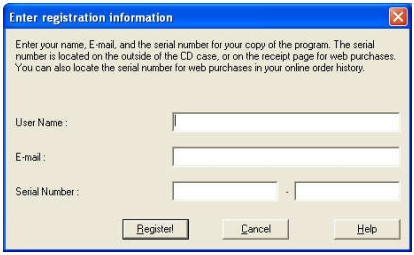
3.1 Setting the BlazeDTV software

Please check TV antenna cable connecting to ENUTV-DITF first, and then check ENUTV-DITF connecting to PC USB port.

Notes:

We highly recommend you use the outdoor antenna for better signal reception.

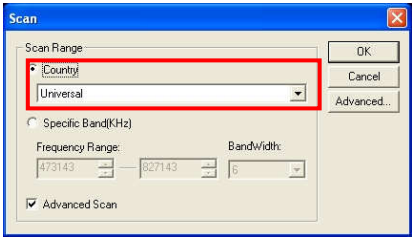
Follow the on-screen instructions and the guidance below.


Enter registration information
Enter your name, E-mail, and the serial number for your copy of the program. The serial number is located on the outside of the CD case, or on the receipt page for web purchases. You can also locate the serial number for web purchases in your online order history.
User Name :
E-mail :
Serial Number :
Register!
Cancel
Help

1. The first time you launch BlazeDTV, it will ask you to enter the serial number. You can find it on CD disk bag.

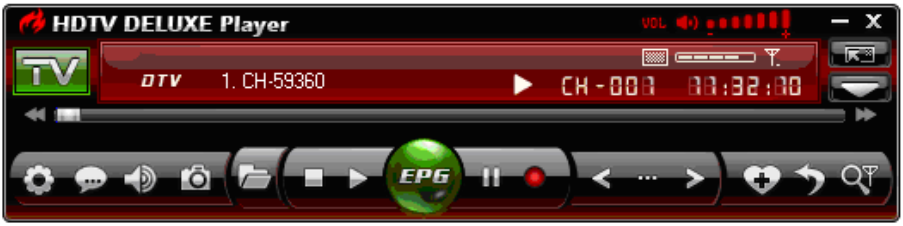
2. Clink "**OK**" to launch software.

3. Click "**Yes**" button to scan channels.

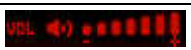


4. Choose the Country and then click "**OK**" to continue. Then System will auto scan all channels.

3.2 Main Function



Button/Icon	Name	Description
	EPG	Open TV EPG window / playback
	Play	Play TV or Media
	Time Shift / Pause	Time Shift (for TV) or pause playback
	Stop	Stop the current playback / Click play to restart playback.

	Record	Record TV
	Previous	Skip to play previous TV channel / DVD chapter
	Browse	Browse channel
	Next	Skip to play next TV channel / DVD chapter
	Open	Select playback type
	Subtitles	Select Subtitles: Select language caption if there are multiple language captions.
	Audio	Select Audio: Click to select audio if there are various audio options.
	Capture	Capture video as ".bmp" still image
	Volume Control	Drag slider bar to adjust volume
	Mute	Turn on/off audio
	Media Type	Display playback type
	Playback status	Display playback status
	Signal Quality	Display TV signal quality
	Signal Strength	Display TV signal strength
	Channel/chapter	Display current TV channel / DVD chapter information
	Time	Display current time of TV / DVD
	Fast backward	Fast backward, switch between 1X, 2X, 4X, 8X, 16X at each press
	Slider bar	Drag the slider to new position for

		playback. (Only available on Professional Version)
	Fast Forward	Fast forward, switch between 1X, 2X, 4X, 8X, 16X at each press
	Open Floating Panel	Show Floating Panel
	Show Advanced Panel	Show / Hide Advanced Panel
	Minimize	Click it, the control panel and the view window will be minimized and displayed as icons on system toolbar.
	Exit	Exit BlazeDTV

Chapter 4: Remote Control

The Remote Control allows you to operate the device remotely. Aim the front of the Remote Control at the Remote Control Receiver window and press the control buttons as you would.

4.1 Installing Batteries

Please draw out the plastic from remote control. And then put in battery.

4.2 Remote controller functions

For default button assignments, please refer to the list below:

1. **ON/OFF:** Open/Close the program
2. **REC:** Start to record TV programs
3. **Full Screen:** Full screen display
4. **SNAP:** Still image snapshot
5. **0-9 key:** Number keys
6. **Vol+/Vol-:** Click to increase/decrease volume
7. **Ch+/Ch-:** Click to switch previous/next channel
8. **EPG:** show the Electronic Program Guide
9. **Timeshift:** start Timeshift feature
10. **Recall:** Return to the last TV channel
11. **Stop:** Stop the recording

Chapter 6: Technical Support

Please visit www.encore-usa.com for the latest product information and downloads.

International tech support hotlines are listed on the back cover

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